

Ripped straight from the pages of old Space News Roundups, here's what happened at JSC on this date:

Preliminary examination of the rock and dust samples brought back from the Moon last July has been conducted in the Lunar Receiving Laboratory by a group of university and government specialists who make up the Preliminary Examination Team.

One of the most exciting observations according to the PET “is the great age of the igneous rocks from this lunar region.”

The PET group also said that “the chemical composition of Tranquility Base fines and igneous rocks are unlike those of any known terrestrial rock or meteorite.”

The JSC Solar Observatory has closed and personnel from the NOAA who operated the observatory since it opened in 1970, have moved to Marshall Space Flight Center in Huntsville, Alabama. Built in 1966 for the then Manned Spacecraft Center, the solar observatory was first part of NASA's Solar Particle Alert Network (SPAN), a support operation for the Apollo program. The station is one of seven around the world and was operated by NASA and contractor personnel until the latter Apollo missions in 1970 when NOAA took over operation of SPAN.

Kennedy Space Center began battening down the hatches Monday for a potential strike by Hurricane Hugo, but by Thursday predictions for landfall put the storm well north of Cape Canaveral. Even so, *Atlantis*—poised on launch pad 39B—was to remain prepared to be placed in a “ride-out” configuration should the pad area see strong enough winds. To shorten the amount of time required to roll *Atlantis* back to the VAB, the payload bay doors were closed early in the week, launch pad platforms were retracted and loose items were secured.



“For Our Children’s Future...Buy Recycled Today”

The JSC Environmental Stewardship Committee's Recycling Work Group is gearing up to celebrate America Recycles Day on November 15. To build awareness at JSC, the group is planning contests to get employees involved, while teaching them about recycling and buying recycled products at the same time.

There are four chances to win. Once a month until America Recycles Day (September, October, and November), there will be a puzzle or other contest published or mailed out. The first 300 people each month to submit a correct solution will receive a prize. Names of the winners for the three contests will be placed in a pool and a winner will be randomly selected to win the grand prize. Civil servants and on-site contractors working at JSC, Ellington Field, Sonny Carter Training Facility and El Paso Forward Operating Location are eligible.

The puzzle for September is a word search for items that can and cannot be included in our JSC white paper recycling bins. So, while you are solving the puzzle take note of the do's and don'ts of JSC paper recycling. You will receive a copy of the puzzle via a JSC flyer or you can

access it from the JSC internal home page under News and Events.

The theme for America Recycles Day 1999 is "For Our Children's Future...Buy Recycled Today." The theme is based on the goal of America Recycles Day, which is to increase the purchase of recycled-content products and recycling throughout America so that we conserve resources for future generations. We want to make consumers aware of the importance of "buying recycled" and to emphasize the message that you're not really recycling unless you buy recycled products. America Recycles Day promoters challenge all Americans to make a pledge to increase their purchase of recycled content products. For more information about America Recycles Day visit their Web site at <http://www.americarecyclesday.org/>.

Most Americans help the recycling

effort by putting materials in their recycling bin or taking them to a drop-off center. But many people don't realize that another important step to keep recycling working is to "Buy Recycled" or "Close the Loop" by purchasing products made from recycled content materials. Purchasing recycled-content products helps maintain market demand for recyclables and ensures the continuation and expansion of recycling programs everywhere. If consumers purchase more products with recycled content, manufacturers will continue to use it in their products and expand the usage to even more products.

Look for another article about America Recycles Day and the next contest in an October issue of the *Roundup*. If you have any questions about recycling or buying recycled at JSC, contact Jo Kines at x33218. ■



The Civilian American and European Surface Anthropometry Resource survey is the most comprehensive human-body measurement study undertaken. This survey was conceived by the U.S. Air Force to assist NATO countries in the design and manufacture of defense industry tools and is co-sponsored by more than 20 commercial industry partners. CAESAR is an international study of body sizes and shapes of male and female volunteers between the ages of 18 and 65.

CAESAR anthropometric data collection will be conducted at JSC through October 6. Data will be collected in Bldg. 266, Rooms 109, 110, and 111. Hours of operation are from 7:30 a.m. to 4:30 p.m. Monday through Friday. This effort, conducted by a data collection team from Wright-Patterson Air Force Base, is hosted by the JSC Flight Projects Division. Data is being collected from participating members of the astronaut corps, as well as from volunteers solicited from the civilian and contractor personnel at JSC.

Call 1-888-520-8808 or 281-483-5857 to volunteer.

thousands of pounds depending on the hardware's test requirements," said Riccio, manufacturing engineer.

The engineers provided design concepts for testing equipment as well as plans for an inexpensive, safety barrier made of Lexan to protect testing staff.

“They put together a very good package of information, which has led us down the road that we are traveling at this point,” said Ballard. ABI is now working to implement the designs and plans to have the equipment completed in the next two months.

“Our finished testing equipment will be a lot more comprehensive than our original thoughts,” said Ballard. “Working with TOP and the engineers really opened up options we hadn’t even considered. And seeing the JSC testing facilities was an eye-opener as far as the range of testing capabilities that existed.”

ABI is the fifth client to complete the process since the TOP was founded less than one year ago. “We’ve already had several hundred [site] visits,” said Reinhartsen. “And we’ve received more than 30 Requests for Technical Assistance.”

TOP services are designed to speed the transfer of space technology to the private sector by providing free technical assistance to local small businesses. ■

TICKET WINDOW

Exchange Store hours

Monday-Friday

Bldg. 3 7 a.m.-4 p.m.

Bldg. 11 9 a.m.-3 p.m.

All tickets are nonrefundable.

Metro tokens and value cards are available.

For more information,
please call x35350.

The following discount tickets are available at the Exchange Stores

General Cinema Theaters	.....	\$5.50	
Sony Loew's Theaters	.....	\$5.00	
AMC Theaters	.....	\$4.75	
Fiesta Texasadult	\$18.25	(child under 48")	\$15.50
AstroWorld One-day Admission	.....	\$21.00	
Water World	.....	\$10.75	
Moody Gardens (2 events) ticket does not include Aquarium or Pyramid	..	\$10.75		
Moody Gardens – Aquarium only	.....	\$9.25	
Sea Worldadult	\$27.25	child (age 3-11)	\$18.25
Schlitterbahn Water Parkadult	\$20.75	child (age 3-11)	\$17.50
Space Center Houstonadult	\$10.25	child (age 4-11)	\$6.50
(JSC civil service employees free.)				
Space Center Houston Annual Pass	.....	\$18.75	
Splash Town Water Parkadult	\$14.50 (child 48" and under)	\$11.50	

Effective October 1, the JSC Exchange will accept personal checks with a valid Texas driver's license. A NASA badge will no longer be required. There will be a \$25 charge on all returned checks.